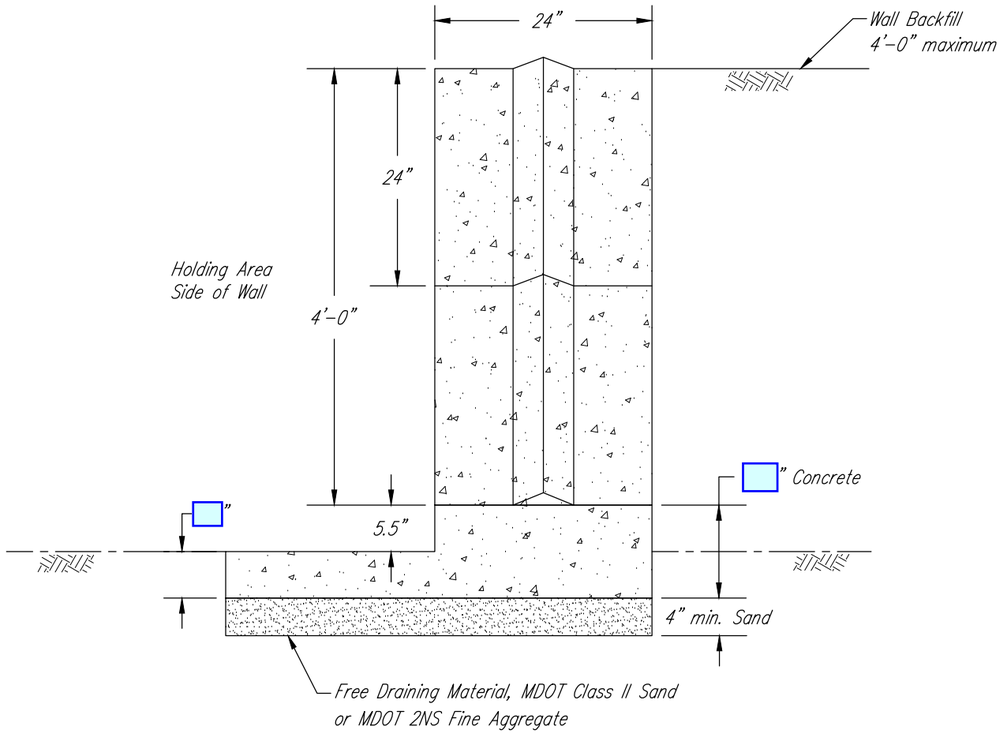


BLOCK SIDE VIEW

NOTES

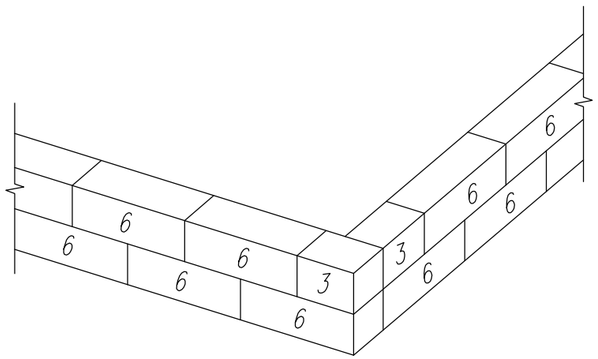
1. *Backfill walls with granular non-cohesive material, (SW, SP, GW, GP), a maximum of 5% passing the #200 sieve of the backfill material. Backfill in horizontal layers not exceeding 4 inches in thickness before compaction.*

2. *Construct corners as shown above or as described in Specification MI-161 Modular Concrete Block.*

3. *Place modular concrete blocks in a running bond pattern.*

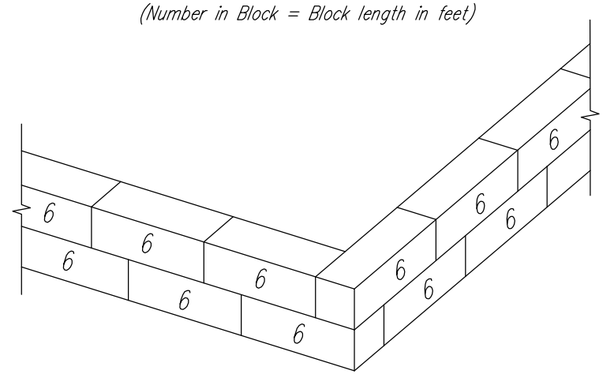
4. *Shape surrounding ground to direct runoff away from the facility.*

Dimensions in inches or feet-inches



OPTIONAL CORNER HALF BLOCK

(Number in Block = Block length in feet)



OPTIONAL CORNER OVERLAP

(Number in Block = Block length in feet)

DESIGN ASSUMPTIONS

1. *Wall backfill side loading: 30 psf/ft. depth + surcharge @ 60 psf. (granular soil material).*

2. *Holding area side loading: 65 psf/ft. depth.*

3. *Structure drainage condition: Full drainage behind wall.*

4. *Modular concrete block density = 145 pcf.*

5. *Minimum soil bearing capacity: 1500 psf.*

6. *Standard block size is 2' x 2' x 6'.*

Reset Form

Not to Scale

MICHIGAN ENGINEERING STANDARD DRAWING		
FILE NAME MI-684-B 8-18		
STANDARD DWG. NO. MI-684-B 8-18		
DATE 8-18	SHEET 1	OF 1

Date
Designed
Drawn
Checked
Approved

4 Foot Modular Concrete Block Wall, Concrete Foundation

Co., Michigan
Township, T. , R. , Sec.

United States Department of Agriculture
Natural Resources Conservation Service

File Name

Drawing Name

Sheet of